

Title (en)

Ethylenediaminetriacetic acid and salts thereof as chelating agents in pulp bleaching

Title (de)

Ethylendiamintriessigsäure und ihre Salze als chelatbildende Mittel für das Bleichen von Zellstoff

Title (fr)

L'acide éthylène diamine tri-acétique et les sels obtenus à partir de celui-ci comme agents de chélation dans le blanchiment de pâte

Publication

**EP 0740015 B1 20000126 (EN)**

Application

**EP 96106367 A 19960423**

Priority

US 43107895 A 19950427

Abstract (en)

[origin: EP0740015A1] A process for metal ion chelation in pulps. Extraction and removal of detrimental metal ions, preferentially manganese, iron and copper, prior to delignification and bleaching is carried out on pulp, preferably kraft pulp, using ethylenediaminetriacetic acid or ethylenediaminetriacetic acid salts as the chelating agent. Suitable salts include alkaline earth metal, alkali metal, ammonium and amine.

IPC 1-7

**D21C 9/10**; **D21C 9/16**

IPC 8 full level

**D21C 9/10** (2006.01); **D21C 9/16** (2006.01)

CPC (source: EP)

**D21C 9/1042** (2013.01); **D21C 9/163** (2013.01)

Cited by

US8258334B2; US6331192B1; US6264790B1; WO9925919A1; WO9745585A1; WO9745586A1; US9745700B2

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